

technical datasheet



TROCELLEN® classic

crosslinked polyolefin - foam

C 030 RN2 F10

properties	method	unit	values
density	ISO 845	Kg/m ³	27
compression stress at 10% deflection	ISO 3386/1	KPa	13
compression stress at 25% deflection	ISO 3386/1	KPa	30
compression stress at 50% deflection	ISO 3386/1	KPa	83
elongation at break transversal	ISO 1798	%	74
elongation at break longitudinal	ISO 1798	%	66
tensile strenght transversal	ISO 1798	MPa	0,16
tensile strenght longitudinal	ISO 1798	MPa	0,22
compression set 50%, 22h, 23°C, 0,5h	ISO 1856	%	40
compression set 50%, 22h, 23°C, 24h	ISO 1856	%	30
dimensional stability	ISO 2796	°C	105
flammability < 100 mm/min.	DIN 75200	thickn. mm	>10,5
thermal conductivity (0°C)	ASTM C-177	Kcal/mh°C	0,0344
thermal conductivity (10°C)	ASTM C-177	W/mK	0,0352
thermal conductivity (40°C)	ASTM C-177	W/mK	0,0372
fire behaviour [M1]	NF P 92-505	Class	M1*
Fire behaviour	DIN 5510-2	class	

*: from 5 to 20mm in free application

*: from 2 to 25mm in adhesive application

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We indicate these data over the crosslinked, closed cellular polyolefin foam material TROCELLEN after best knowledge and certain. All product data could include different product thicknesses and are based on average values, which are to be regarded only as technical indication. The data sheet does not release from the own examination of the supplied products regarding its suitability for intended application, use and/or subsequent treatment and cannot be considered as specification. All results of the standards marked by * were determined in accordance to. Obviously we guarantee the exceptional quality of our products as per the agreed conditions of sale and terms of delivery.